

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061482.D
 Acq On : 19 May 2020 14:46
 Operator : JC/MD
 Sample : L2679-05ME
 Misc : 6.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-4-14.0-14.5ME

Quant Time: May 20 13:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

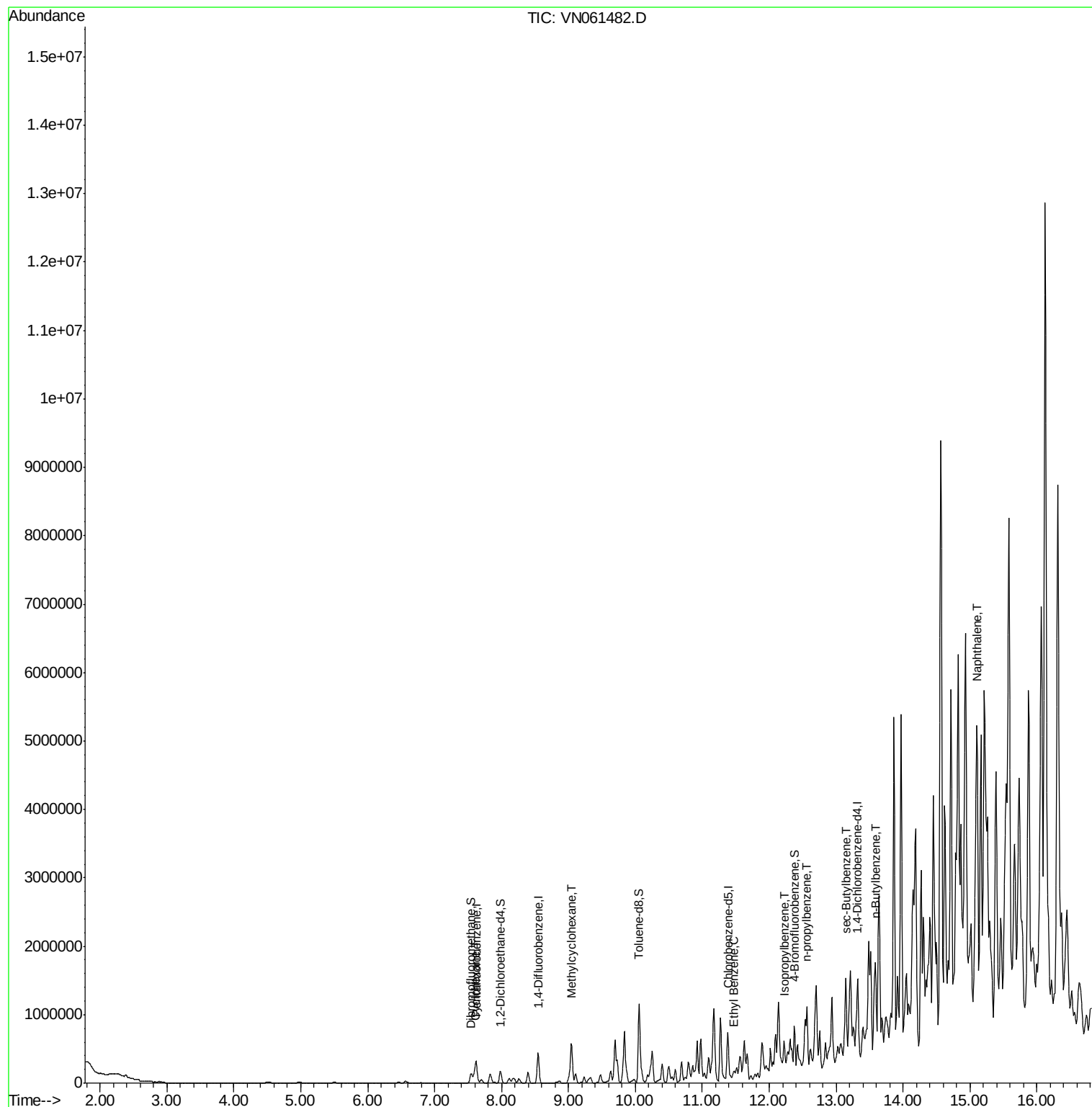
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	219673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	398527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	149934	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	7.54	113	104280	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.06	98	529300	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.37	95	230978	63.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.68%	
Target Compounds						
31) Cyclohexane	7.60	56	42917	7.629	ug/l	91
39) Methylcyclohexane	9.04	83	249795	54.883	ug/l	100
67) Ethyl Benzene	11.48	91	17083	1.162	ug/l	100
73) Isopropylbenzene	12.22	105	266657	13.601	ug/l	99
78) n-propylbenzene	12.56	91	736817	32.983	ug/l	100
85) sec-Butylbenzene	13.15	105	682779	36.720	ug/l	88
89) n-Butylbenzene	13.59	91	766117	51.074	ug/l #	84
95) Naphthalene	15.10	128	2935063	227.945	ug/l	98

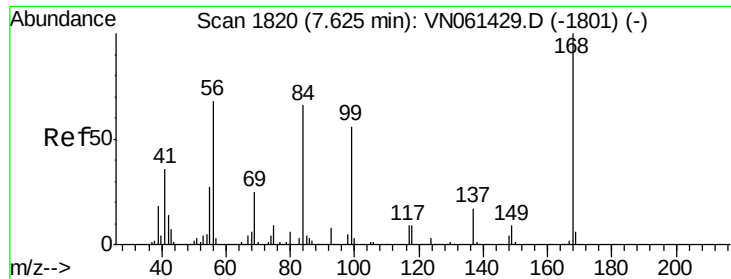
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061482.D

Acq: 19 May 2020 14:46

Instrument :

MSVOA_N

ClientSampleId :

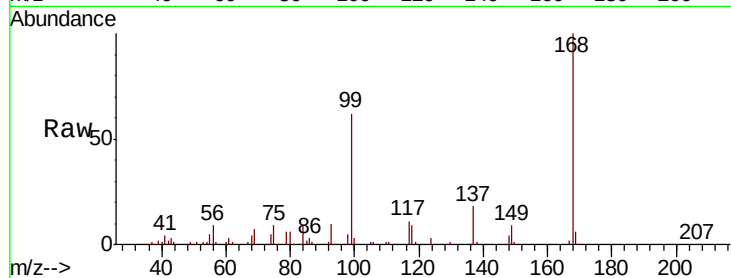
SB-4-14.0-14.5ME

Tot Ion:168 Resp: 219673

Ion Ratio Lower Upper

168 100

99 61.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

60000

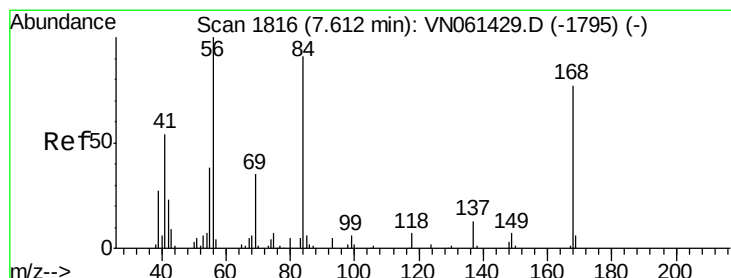
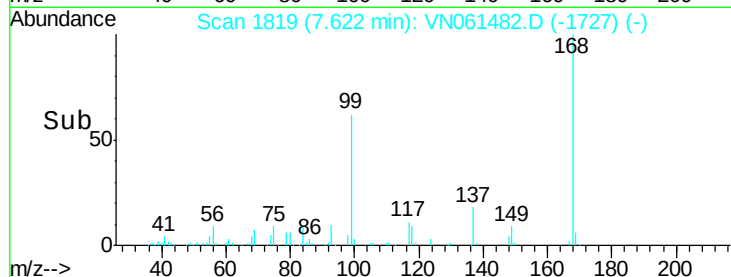
40000

20000

0

Time-->

7.50 7.55 7.60 7.65 7.70



#31

Cyclohexane

Concen: 7.629 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. -0.02 min

Lab File: VN061482.D

Acq: 19 May 2020 14:46

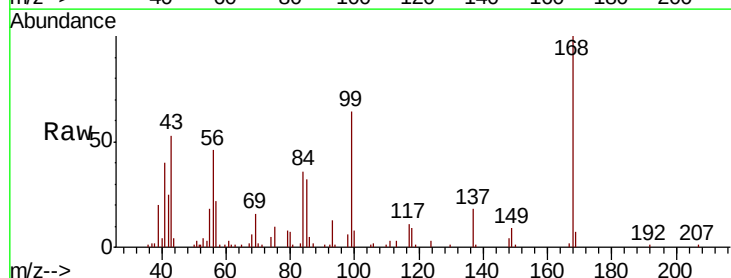
Tgt Ion: 56 Resp: 42917

Ion Ratio Lower Upper

56 100

69 34.5 27.8 41.6

84 79.3 72.7 109.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

15000

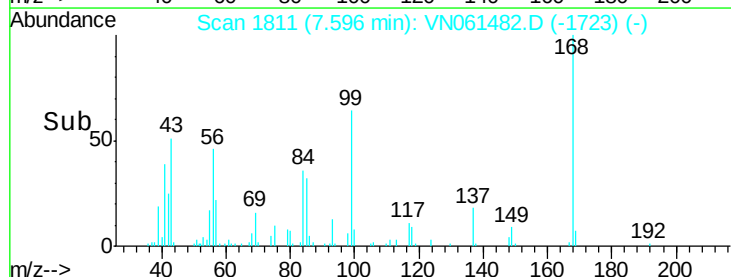
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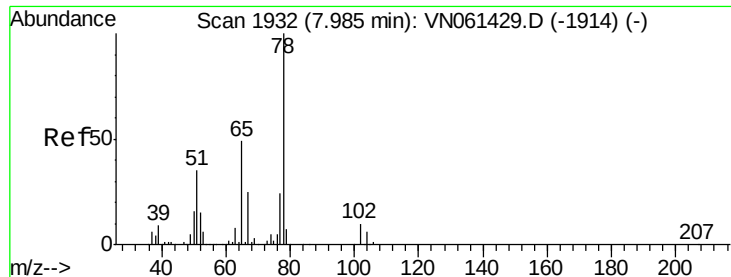
5000

0

Time-->

7.50 7.55 7.60 7.65

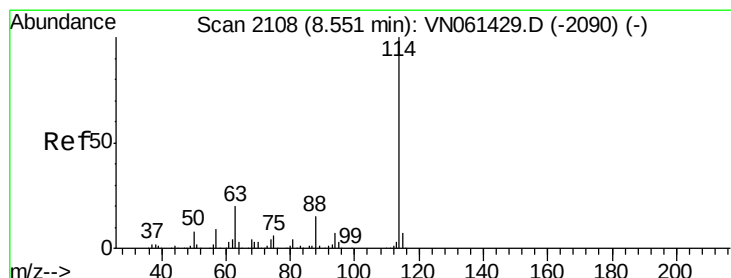
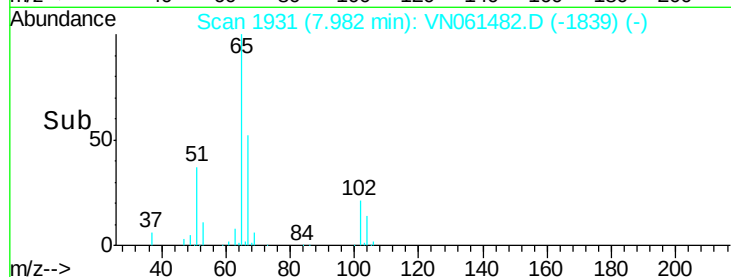
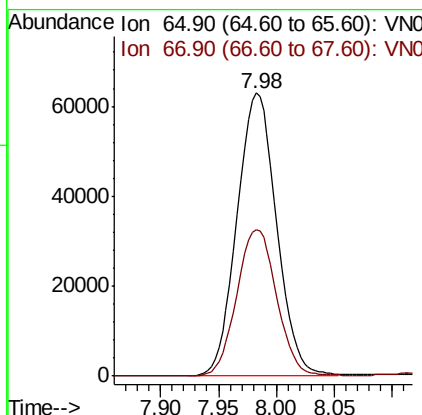
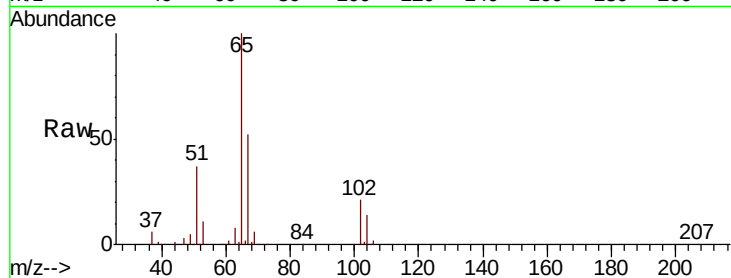




#33
 1,2-Dichloroethane-d4
 Concen: 45.732 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061482.D
 Acq: 19 May 2020 14:46

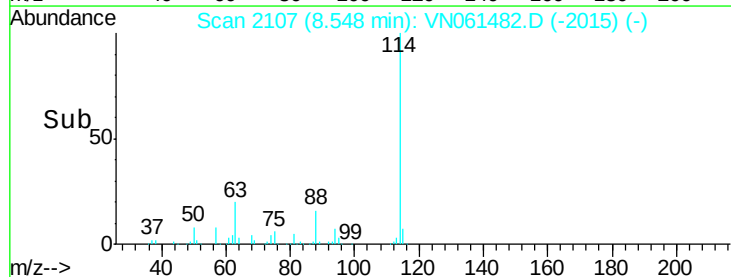
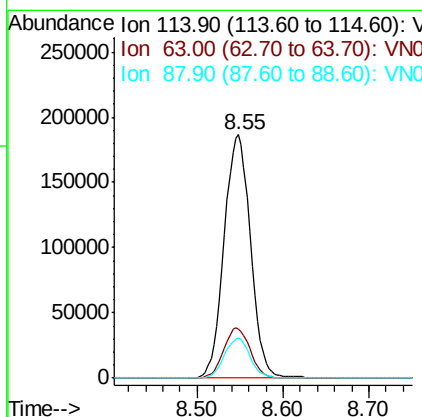
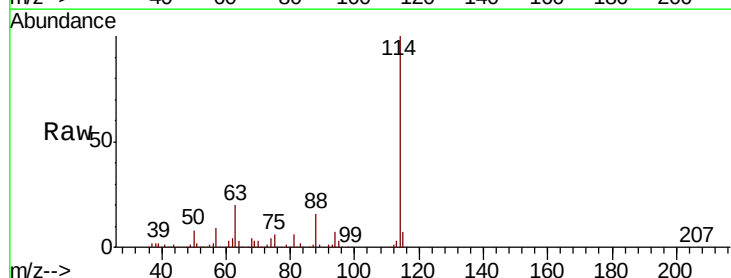
Instrument :
 MSVOA_N
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 SB-4-14.0-14.5ME

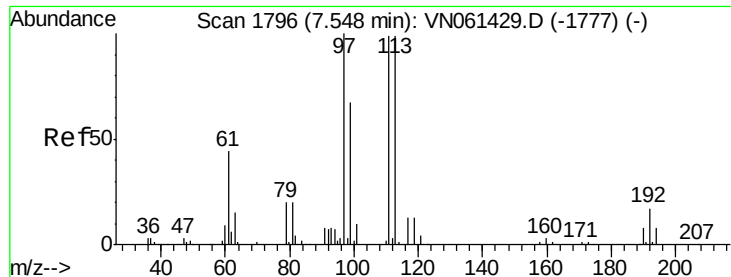
Tot Ion: 65 Resp: 149934
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061482.D
 Acq: 19 May 2020 14:46

Tgt Ion: 114 Resp: 398527
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.5 0.0 30.8



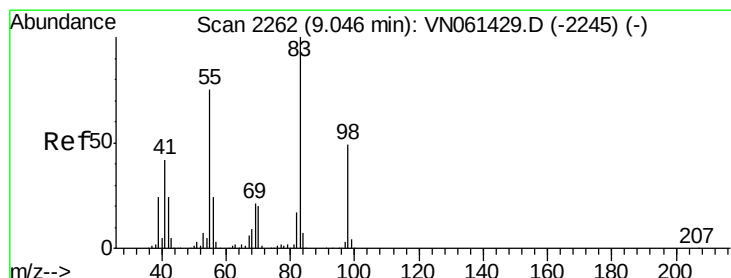
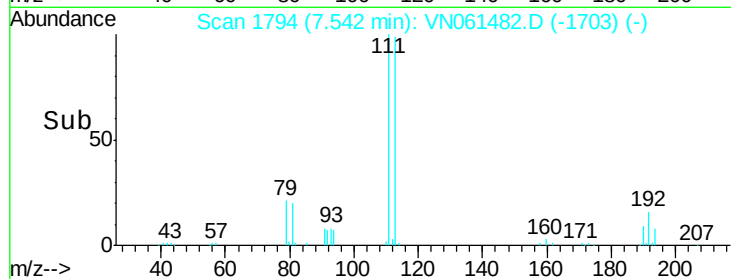
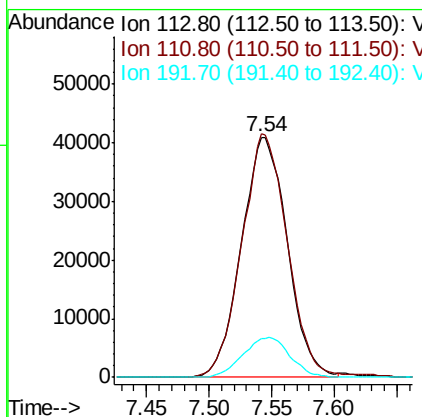
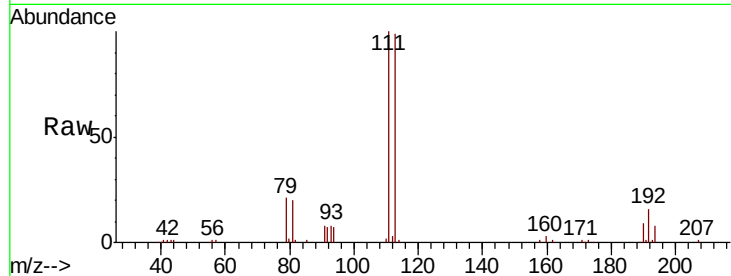


#35
Dibromofluoromethane
Concen: 49.948 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VN061482.D
Acq: 19 May 2020 14:46

Instrument :
MSVOA_N
ClientSampleId :
SB-4-14.0-14.5ME

Tot Ion:113 Resp: 104280

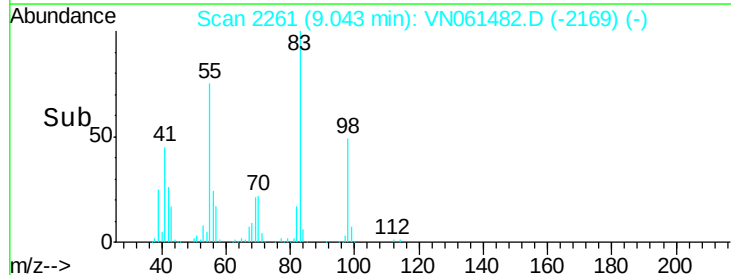
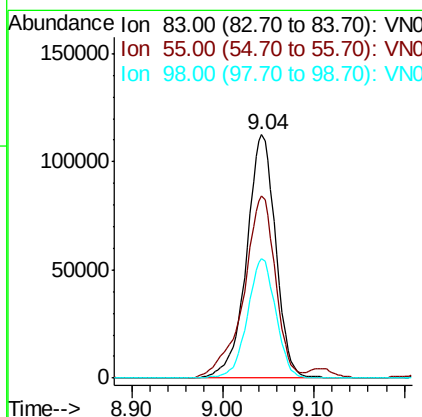
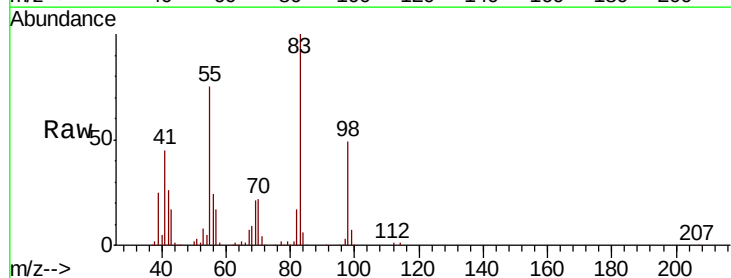
Ion	Ratio	Lower	Upper
113	100		
111	100.6	80.6	121.0
192	17.1	13.2	19.8

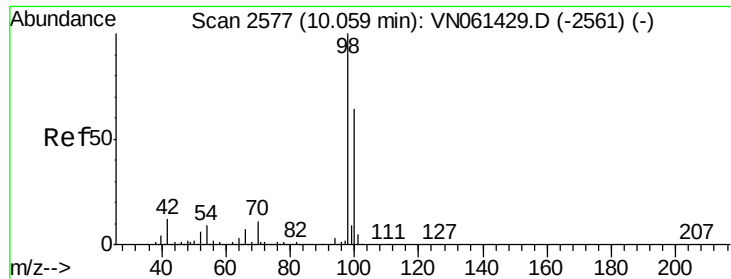


#39
Methylcyclohexane
Concen: 54.883 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061482.D
Acq: 19 May 2020 14:46

Tgt Ion: 83 Resp: 249795

Ion	Ratio	Lower	Upper
83	100		
55	74.7	59.7	89.5
98	49.0	38.9	58.3





#50

Toluene-d8

Concen: 54.660 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061482.D

Acq: 19 May 2020 14:46

Instrument :

MSVOA_N

ClientSampleId :

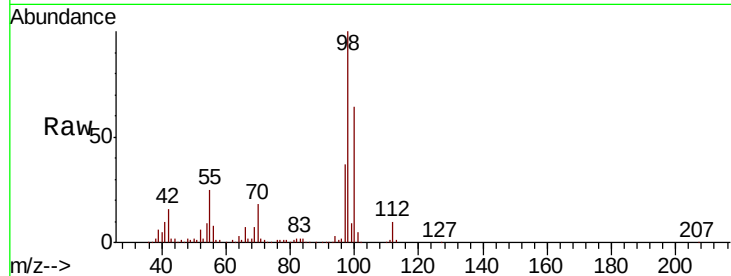
SB-4-14.0-14.5ME

Tot Ion: 98 Resp: 529300

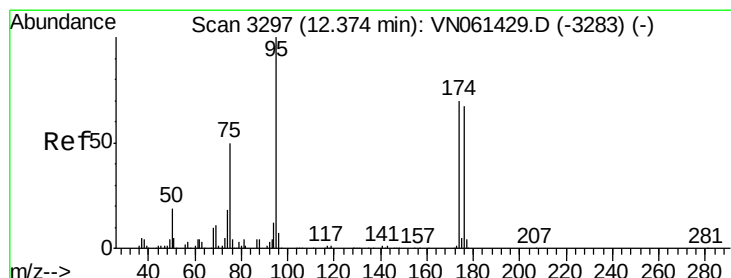
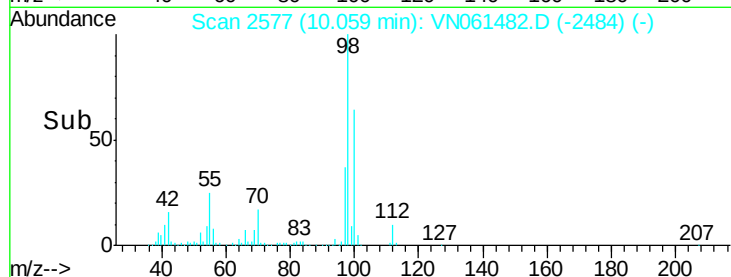
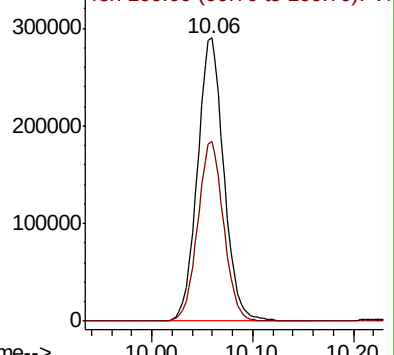
Ion Ratio Lower Upper

98 100

100 62.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061482.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 63.844 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061482.D

Acq: 19 May 2020 14:46

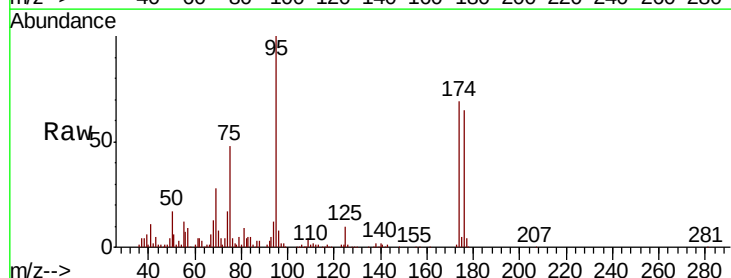
Tgt Ion: 95 Resp: 230978

Ion Ratio Lower Upper

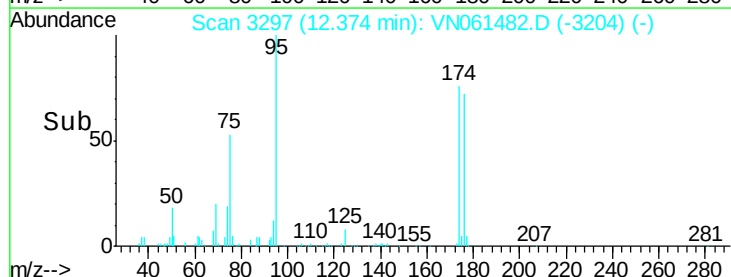
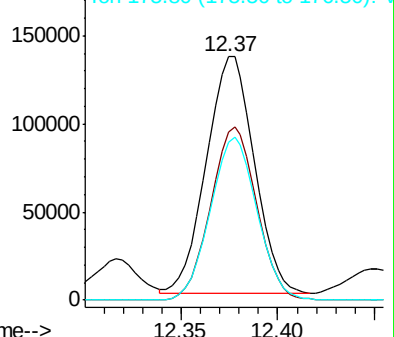
95 100

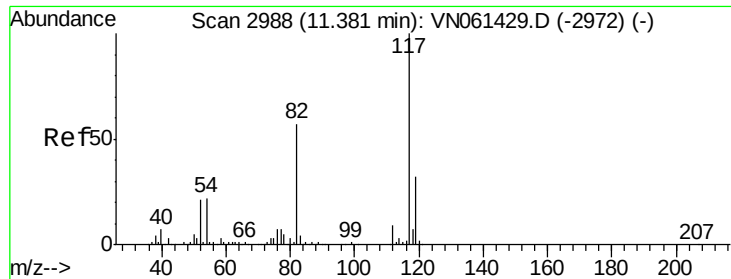
174 70.8 0.0 141.2

176 67.3 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061482.D (-3204) (-)

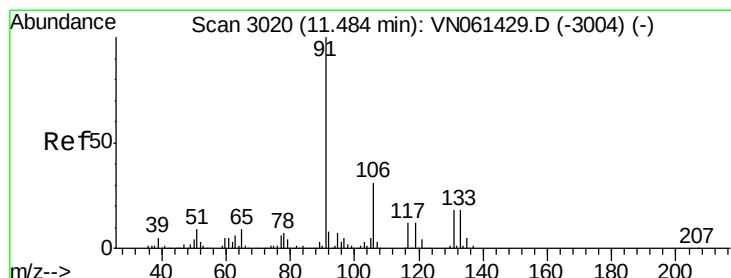
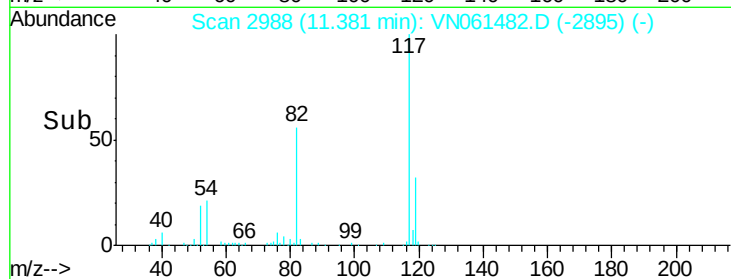
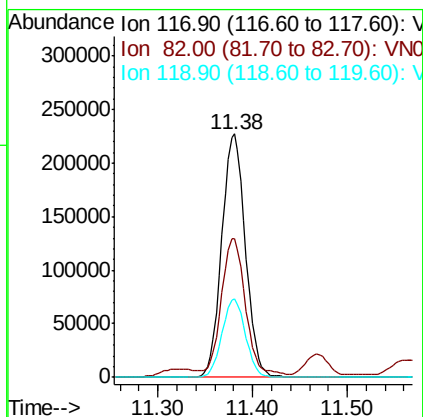
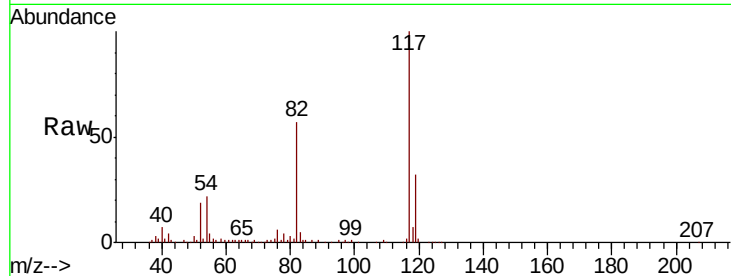




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061482.D
Acq: 19 May 2020 14:46

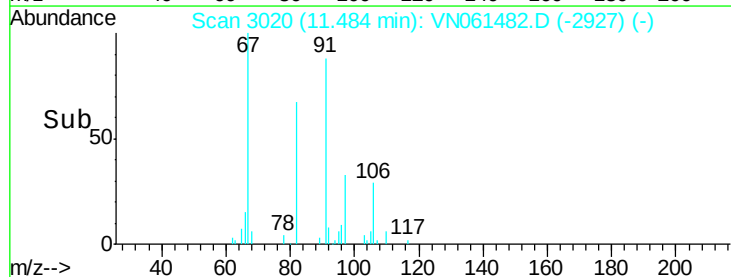
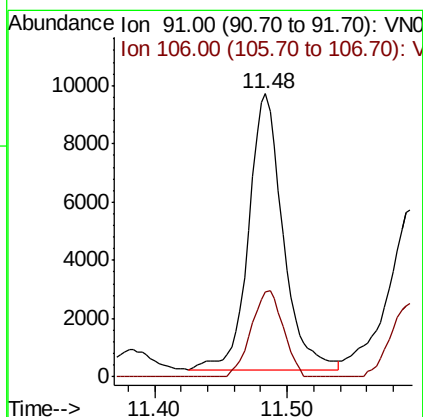
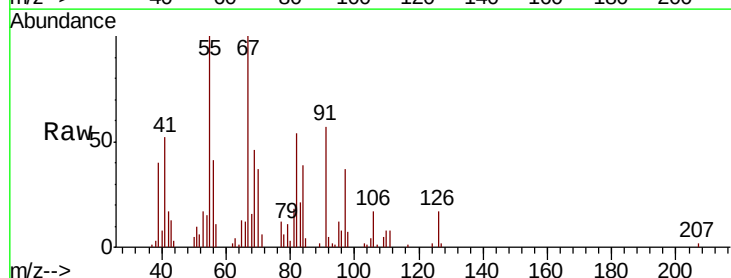
Instrument :
MSVOA_N
ClientSampleId :
SB-4-14.0-14.5ME

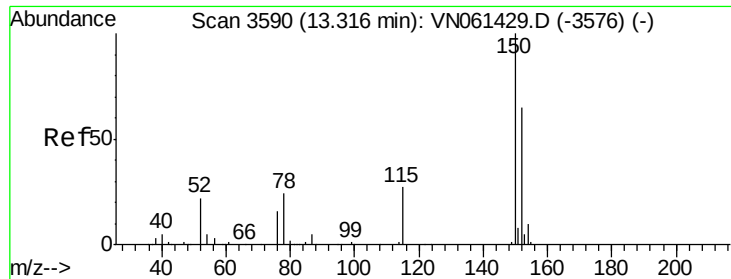
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.2	67.8
119	32.1	25.3	37.9



#67
Ethyl Benzene
Concen: 1.162 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061482.D
Acq: 19 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.6	36.8

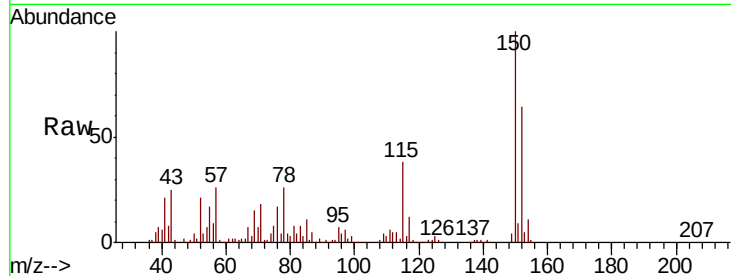




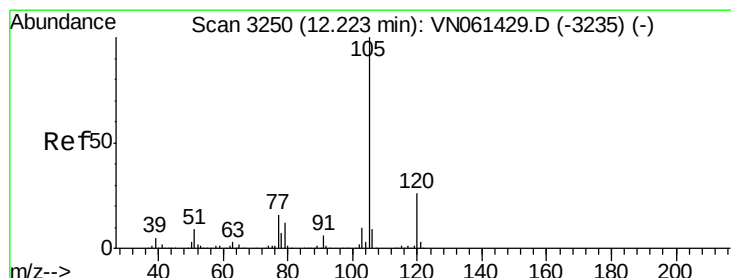
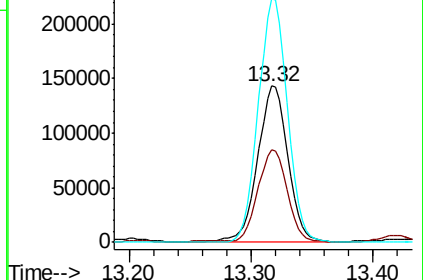
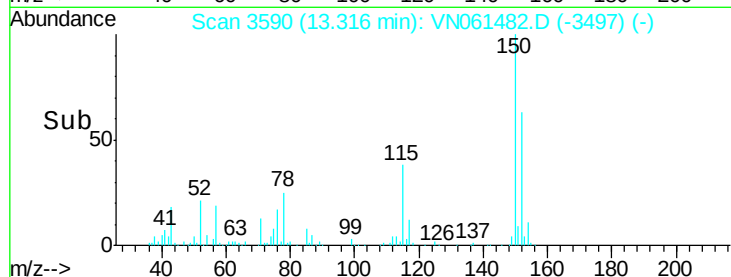
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3590
 Delta R.T. 0.00 min
 Lab File: VN061482.D
 Acq: 19 May 2020 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-4-14.0-14.5ME

Tot Ion:152 Resp: 244222
 Ion Ratio Lower Upper
 152 100
 115 57.4 30.9 92.5
 150 151.0 0.0 349.2

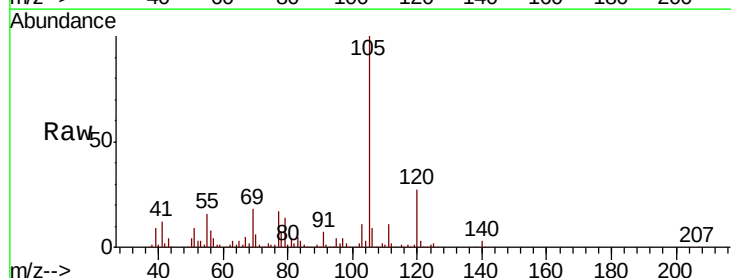


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

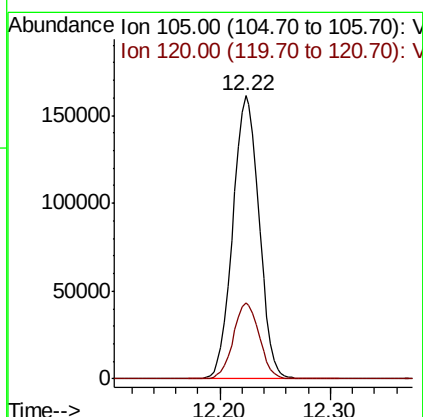
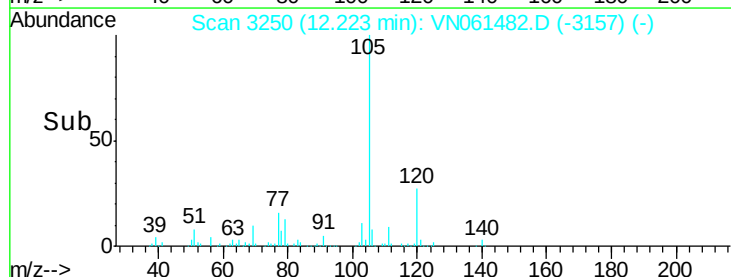


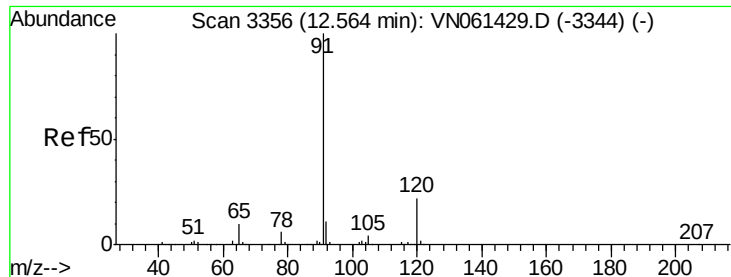
#73
 Isopropylbenzene
 Concen: 13.601 ug/l
 RT: 12.22 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VN061482.D
 Acq: 19 May 2020 14:46

Tgt Ion:105 Resp: 266657
 Ion Ratio Lower Upper
 105 100
 120 26.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 32.983 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061482.D

Acq: 19 May 2020 14:46

Instrument :

MSVOA_N

ClientSampleId :

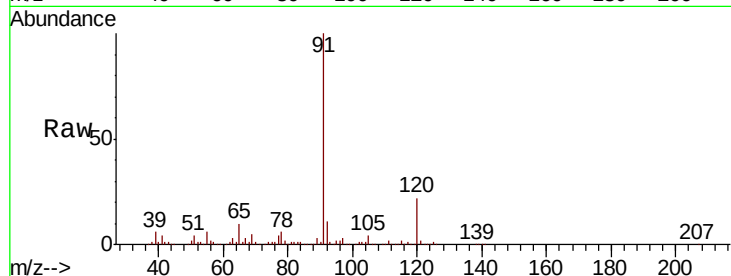
SB-4-14.0-14.5ME

Tot Ion: 91 Resp: 736817

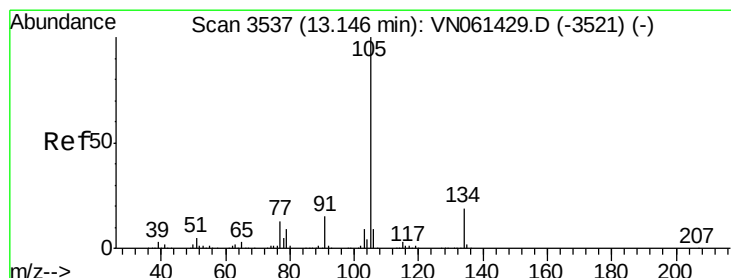
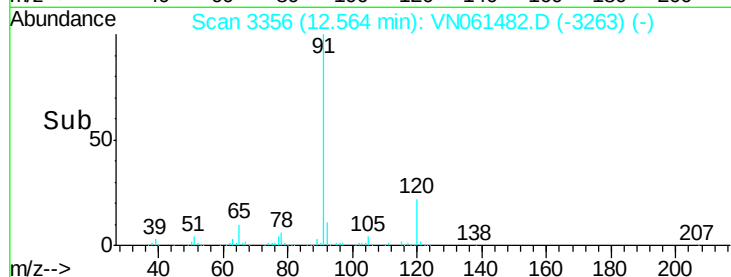
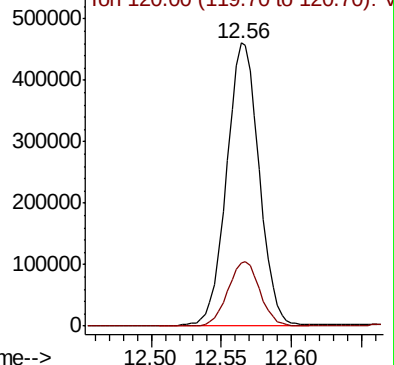
Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN061482.D (-3263) (-)



#85

sec-Butylbenzene

Concen: 36.720 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061482.D

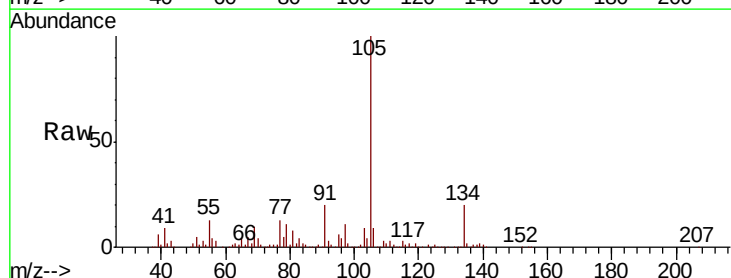
Acq: 19 May 2020 14:46

Tgt Ion: 105 Resp: 682779

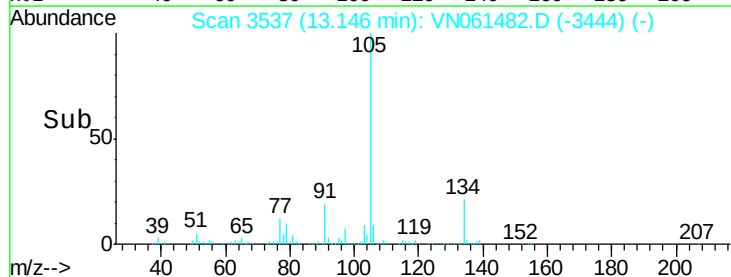
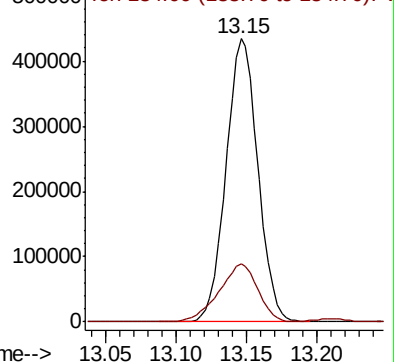
Ion Ratio Lower Upper

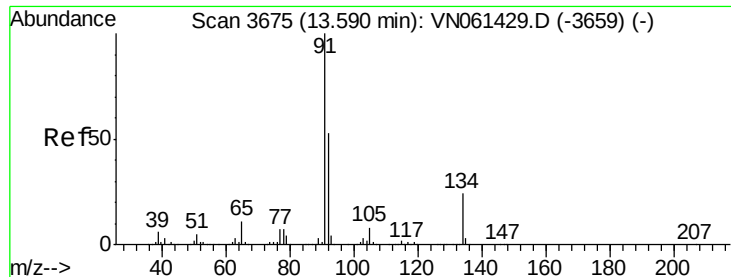
105 100

134 25.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): VN061482.D (-3444) (-)

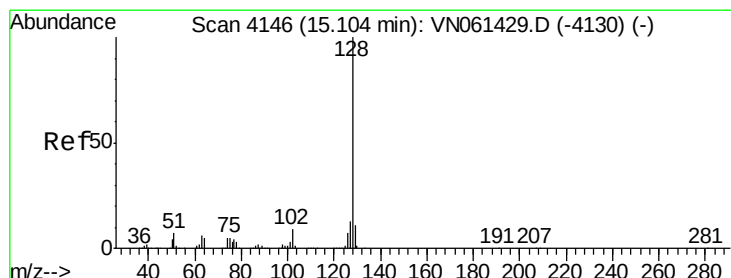
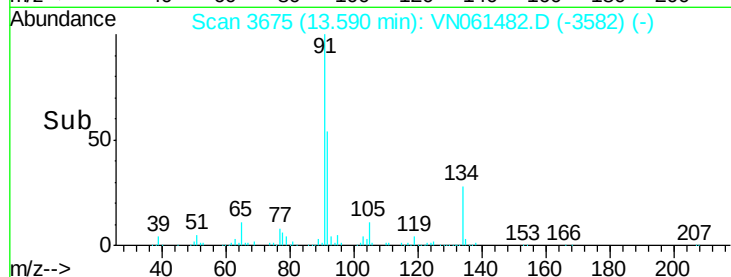
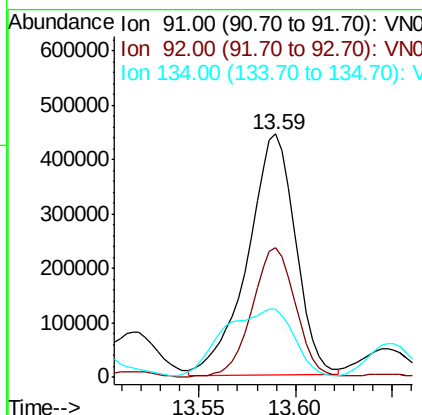
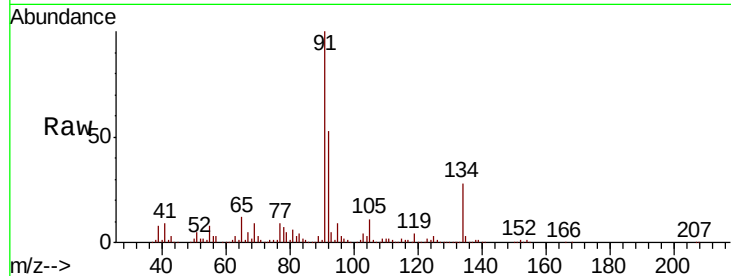




#89
n-Butylbenzene
Concen: 51.074 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061482.D
Acq: 19 May 2020 14:46

Instrument :
MSVOA_N
ClientSampleId :
SB-4-14.0-14.5ME

Tot Ion: 91 Resp: 766117
Ion Ratio Lower Upper
91 100
92 48.0 26.8 80.3
134 41.8 12.4 37.4#



#95
Naphthalene
Concen: 227.945 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061482.D
Acq: 19 May 2020 14:46

Tgt Ion: 128 Resp: 2935063
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 11.7 8.6 13.0

